

# THE IMMIGRATION OF LEPIDOPTERA TO THE BRITISH ISLES IN 1985

By R. F. BRETHERTON\* and J. M. CHALMERS-HUNT\*\*

(concluded from p.207)

## ANNEX II

### Records of scarcer immigrant species in 1985

Suspected immigrants of resident species are marked\*. Unless otherwise indicated single examples are referred to. For nocturnal species dates are as far as possible of the beginning of the night and are of insects seen in traps or otherwise at light in the field. Names of recorders are abbreviated to their initials, except where there are the same; names of these and indirect recorders appear in full.

**Euchromius ocella** Haw. (9). CORNWALL E. Trüssel Bridge, 10.10, male (AS). DEVON S. Axminster, 12.10 (ECP-C). DORSET. Portland, 21.9 (NMH). HANTS ISLE OF WIGHT. Freshwater, 23.9. (SAK-J). HANTS S. Morestead, 12.10 (PHS); Winchester, 4.4 (J. Wild per PHS); Southsea, 6.10 (JRL). KENT E. Dungeness, 5.10, two (DEW).

\***Evergestis extimalis** Scop. (1) HANTS S. Hayling Island, 21.8. First in ten years (JMW). Resident mainly in Breck district of Norfolk, Suffolk and in Kent.

\***Sitachroa palealis** D. & S. (2) HANTS S. Winchester, 14.8, at window (DHS). HANTS S. Tey Down, 17.8, disturbed by day (PHS). Immigrant or temporarily established.

**Antigastra catalaunalis** Dup. (1) SUSSEX W. Walberton, 2.10 (JTR det. JMC-H). Apparently only the eleventh confirmed British record. Semi-tropical, but recorded in SW France.

**Diasemiopsis ramburialis** Dup. (1) DEVON S. Axminster, 8.10 (ECP-C).

**Palpita unionalis** Hubn. (4) CORNWALL W. Cadgwith, 12.10 (KGWE). CORNWALL E. Trebrowbridge, 9.10; Trussel Bridge, 10.10, female (AS). GUERNSEY 28.8, 20.9 (TDNP).

\***Papilio machaon** L. (1) GUERNSEY, 6.9. Fourth island record (J. Medland per TDNP).

\***Gonepteryx rhamni** L. (c. 5) GUERNSEY, April, several seen. ALDERNEY, 3.8, male and female seen (GEH). Probably immigrant, in absence of known foodplants.

\***Pieris brassicae** L. (many) HANTS S. Highcliffe, 6.9, many seen flying in from sea (EHW); CAITHNESS Wick, June, a small arrival (SS). ORKNEY, 31.5, large influx (RIL). KENT E. Sandwich B.O.,

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\*\*1 Hardcourts Close, West Wickham, Kent BR4 9LG.

7.8, c. 150; 29.8, c.600 plus in a ten acre Kale field (DMB).

\***Artogeia rapae** L. (many) KENT E. Sandwich B.O., 31.7, 120 plus flying in from sea, c. 29.8, c.500 in Kale field (DMB).

**Lampides boeticus** L. (2) DORSET. Portland Bill, 13.9 (M. Rogers per NMH). HANTS S. Highcliffe, 21.10, slightly worn, at ivy (EHW).

\***Nymphalis polychloros** L. (7). ESSEX S. Wanstead Park, seen on bramble blossom 14.7 (Mallet per CWP); Bradwell-on-Sea, 31.5 (AJD). KENT E. Pean Hill, 20.6 (ESB & SR); Willesborough, 27.7, found indoors (J. Robbins per JMC-H). KENT W. Barming Woods, 14.4, 26.4 (C. Sampson per JMC-H). ALDERNEY 29.7 (GEH).

**Nymphalis antiopa** L. (6). ESSEX N. Holland on Sea, 1 seen 8.7, 10.7, 12.7 (J. Macomish per JMC-H). NOTTS. Thistly Copse, nr. Elkesley, 25.5, clearly seen and described (A. S. Boot per PWC). SURREY Tugley Wood, Durfold, 1.8, watched fluttering and described *in lit.* (R. S. Atkinson). SUSSEX E. Pycombe, July (J. Samways per CRP); Abbots Wood, 25.10 (M. Stockley per CRP). WARWICKS. Sandwell, Birmingham, late 7 or early 8, at rest (R. N. Cain *in lit.*).

**Danaus plexippus** L. (3). CORNWALL S. Sennen Cove, 4.10, seen with north American passerine birds (V. Stratton per VT). CORNWALL N. Park Head, Newquay, 13.10, watched "dwarfing a rock pipit in the binoculars" (A. Hathaway per PDP). Co. CORK W. Castletownberehaven, 2.10 (French, *Ent. Gaz.* 37:61). Wind directions and records of immigrant moths at the same dates suggest that these may have come from Madeira or the Canaries rather than north America.

**Rhodometra sacraria** L. (c. 230). BERKS. Reading 19.9 (BRB). BUCKS. Oakley Wood, 20.9 (PMW). CHESHIRE Alderley Edge, 14.10, two males (CIR). CORNWALL W. Scilly, 12/19.10, several by day and one in actinic trap (JMW). CORNWALL E. Clapperbridge 18.9; Trebrowbridge, 18.9, 24.9, 1.10, two 3.10, 10.10, two 11.10; Landulph, 7.10; Trussel Bridge, 17.10, four – 14 in all all brown striped except one pink 1.10 (AS) Shevioc 19.9., 30.9., 1.10 two (SCM). DORSET E. Cliff, Portland, 20.9 (3), 21. 9 (G. Senior per NMH). Portland Bill, 23.9 (3), 24.9 (4), 26.9 (2) (M. Rogers per NMH). Worth Matravers, 18.9, two males, 1.10, female (KNB) St. Albans Head, 29.9, two (PAD). DURHAM. Brancepath, 1.10, four, 2.10, two, 13.10, four, 15.10, four – fourteen in all, about half brown striped (RBH). ESSEX S. Bradwell-on-Sea, 20.9, two, 21.9, four, 23.9, two, 1.10 (AJN and SD). HANTS S. Hayling Island, 18.9, male, 21.9, 25.9, female, fertile ova (JMW); Sparsholt, 30.9, 11.10, 1.10, two (R. Bell per BS). HANTS N. Burghclere, 18.9, male (GCE-F); Leckford, 11.10 (DHS). KENT E. Sandwich, 6.7, 7.7 (SMJ). Dungeness, 26.9, male and female (BS). KENT W. Orpington 30.9 (PAS). MIDDLESEX. Hampstead, 20.9 (RTL). OXON. Uffington, 22.9 (Classey *Ent. Gaz.* 37:61). SOMER-

SET N. Wells, 22.9, 4.10 (AGD). SURREY. Wisley, 19.9, female, 2.10, male (AJH); Bramley, 22.9, two males brown striped; Buckland, 23.9 (CH); Leigh, 2.10 (RF). SUSSEX E. Ninfield, 19.9 (MP per CRP); Peacehaven, 19.9, 23.9, 26.9, 10.10, 17.10 (CRP); Westfield, 23.9, 25.9 (R. Hobbs per CRP); Newhaven, 25.9 (D. Astell per CRP); Laughton, 26.9 (D. Astell per CRP). SUSSEX W. Rogate, 20.9, two, 21.9, 22.9 (all brown striped), 1.10, 5.10, 11.10 (JACG); Walberton, 20.9, 24.9, 28.9, two, 1.10, 5.10, 11.10 (JTR per CRP). WESTMORLAND/FURNESS. Ulverston, 30.9, three, 1.10, five, all brown lined (EFH); Beetham, 30.9, 1.10, seven, 2.10, two, 5.10, two, 11.10, 13.10, seven, 15.10, five, 16.10 – 26 in all, normal size, pink striped (JB); Arnside, 1.10, 27 in trap, others later (C. Scott per JB); South and North Walney Island, 1.10, eleven (T. Dean per DWK); Witherslack, 12.10, two by day in rough field (J. Whitehouse per JB). WILTS S. Ashton Common, 17.8, 21.8 (EGS and HHS). YORKS v.c.61. Muston 13.10 (P. Winter per SMJ). YORKS v.c. 64. Shadwell, early 10 (SLS). YORKS v.c.65. Bentham, early 10 (SLS). MERIONETH. Tan-y-bwlch, 5.10 (BRB). BEWICKS. West Blanerne, 2.10, Bramhous Mains, 13.10; near Hutton Bridge, 17.10. All by day. First county records (AGL). Midlothian. Gorebridge, 16.10 First county record (PWB) teste K. Bland). ABERDEEN S. Dyce, 15.10, male, pink form, rather worn. First county record (MT). Co. CORK MID. Fountainstown, 26.9, 30.9, five, 9.10, two, 18.10 (AAM). Co. KERRY N. Killarney, 13.10, male, 26.10, female, no ova (RFH). Co. CORK W. Cape Clear Island, 9.10, 12.10, two, 13.10 (MGWT). GUERNSEY. 20.9, 27.9 (TDNP).

**Orthonama obstipata** Fab. (3) CORNWALL W. St. Mary's Scilly, 12/19.10, one in actinic trap (JMW). HANTS S. Hayling Island, 16.7, male (JMW), SURREY. Rushmoor, 26.7 (PAD).

**Agrius convolvuli** L. (17 plus 1 pupa). CORNWALL W., Hayle, 6.9, found alive (VT); Cadgwith, 12.10, male (KGWE). CORNWALL E. Shevioc, 29.8, 1.9, at nicotiana (SCM), CUMBERLAND. Carlisle, 2.10 (per DWK). DORSET E. Cliff, Portland, 5.9, 8.9, two, 21.9 (B. Goater, NMH). ESSEX E. Bradwell-on-Sea, at rest on house wall (AJD). LINCS N. South Thoresby, 2.9, 9.9 (REMP). SUSSEX E. Cuckfield, 11.10 (Butler per CRP). WARWICKS. Claverdon, 28.8 (I. Reid per DCGB). YORKS v.c. 69. Spurn, 14.8, live pupa. (N. Bull per BRS); Patrington, 30.8 (T. Garland per BRS). ORKNEY. South Ronaldshay, 30.8 (J. McCutcheon per RIL). Co. CORK W. Cape Clear Island, 11.10 (MGWT).

**Acherontia atropos** L. (3). SUSSEX E. Bexhill, 28.8, male at rest (Hutchins per CRP). WILTS S. Ashton Common, 25.5 (ECS and MHS). YORKS v.c. 62. Port Mulgrave, nr. Whitby, 10.9 (B. Fenster per SMJ).

**Daphnis nerii** L. (1). NOTTS. Clumber Park, September. (M. Jones, *J. Derbyshire Ent. Soc.* 82: 17).

**Proserpinus proserpina** Pall. (1). SUSSEX E. Denton nr. Newhaven, 4 a.m. 25.5, male at m.v. light (S. Curson per CRP, *Ent. Rec.* 97: 147). Immigrant, probably from France. **First British record.**

**Hyles livornica** Esp. (63). BERKS. Aldermaston, 10.4 (P. Silver per BRB). CORNWALL W. Scorrier, 8.4, still at rest on house wall next morning (M. A. Tremewan, *Ent. Gaz.* 36: 196); Hayle, April (L. Williams per RDP); Goldsithney, April (R. Hurst per RDP). CORNWALL E. Dowderry, 4.4 (R. Daniel per SCM); Newlyn East, 17.4 (Maj. S. Money per FHNS); Torpoint, 17.4 (B. Evenden per SCM); Seaton, 19.4 (A. Ingram per SCM); Saltash, 20. 4 (E. Griffiths per SCM); St. Ives, 26.4 (R. Smale per AS); Mevagissey, 4.5, very worn female (BH). DEVON S. Beer Head, 9.4, 11 a.m. at daffodils in light sun (R. Griffiths); Slapton Lea, 10.4 (JDA); Salcombe, 11.4, found dead in street (JDA); Hartley nr. Plymouth, 11.4 (R. Smaldon per SCM); Plympton, 14.40 (HT); Axminster, 17.4, at rest on wall (per PAS); Teignmouth, 17.4 (D. Laidlaw per CWP); Plymouth Centre. 20.4, 11p.m. in theatre lights (SCM); Plymouth, 14.3, found dead in fly trap (VT). DORSET. Weymouth, 4.4, three, 5.4, two (per MC); Radipole School, 3.4, 4.4 (D. Arnold per MC); Bridport, 15.4, on town pavement (*Bull. Dorset N.H.A.S.*); Portland, 10.4, three, 11.4, 16.4, 17.4, 19.4 (M. Rogers per MC); St. Albans Head, 16.4, faded (PAD); Weymouth Town, 16.4 (D. Arnold per MC); Furzebrook, 17.4 (DNRW); Stoborough, 22.4 (B. Withers per BS). HANTS S. Brockenhurst, 3.4 (D. Russwurm *Ent. Rec.* 97: 93); Lymington, 6.4, two (A. Pickles *Ent. Rec.* 97: 84); Havant, 10.4 (CBC). ESSEX S. Bradwell-on-Sea, 19.4 (SD). ESSEX N. Great Bromley, 17.4 (G. Kempston per J. Firmin). HERTS. Harpenden, no date (A. Riley per BS). KENT W. Beckenham, 18.4 (Parry per CWP). LANCS. N. Hornby, Lunedale, 5.4, in a greenhouse (Tutin per EEM and JB); Aughton, 6.4, outside window (per EEE). MIDDLESEX. Ruislip, 9.4 (WEM).SURREY. Rushmoor, 2.4, male (PAD); Bramley, 10.4 (RFB). SUSSEX E. Woodingdean, 6.4 (Lade per CRP); Lewes, between 5.4 and 12.4, at rest on window (M. Cousens per CRP); Playden, 17.4 (MFWT). WILTS N. Wroughton, 6.4 (DJB), 23.4 (AS per DJB). CARDIGAN. Rheidol valley, 19.4, at 1000 ft., battered female caught by cat (N. Modie per KS). ISLE OF MAN. Calf of Man, 17.4 (D. Walker per SCM). CO. CORK W. Kilnaclasha, 6.4, female (KGMB); Courtmacsherry, 30.4, female indoors very worn (J. Adams per KGMB; *Ent. Rec.* 98: 10). GUERNSEY. Claire Maire, 2.4, two (PDMC).

**Hippotion celerio** L. (1). ORKNEY. St. Andrews, Tankerness, 28.9, found in house (D. Harcum det. RIL).

**Lymantria dispar** L. (2). HANTS S. Highcliffe, 29.8, male with

four *A. gamma* (EHW *Ent. Rec.* 98: 21). KENT E. Aylesford, 1.9, male on garage window (EGP).

**Lithosia quadra L.** (6). CORNWALL E. Wareham Wood, Stoke Climsland, 23.7 (AS); Shevioc, 2.8 (SCM): possibly residents. HERTS. Broxbourne, 31.8, male (BS); KENT E. Longrope, Orlestone Forest, male, 25.7 (J. Platts per M. Halsey); another male taken there the same night (J. Fenn). WESTMORLAND/FURNESS. Beetham, 24.7 (JB).

**Euplagia quadripunctaria Hubn.** (2). DEVON S. Turnchapel, 30.8 (VT). Probably resident. SUSSEX E. Brighton, 9.9, female (K. Roff per CRP).

\***Noctua pronuba L.** (17). CORNWALL E. Trebrowbridge, 12.10, two 12.10, two, 13.10, two 15.10 (AS). ABERDEEN S. Cyce, 26.9/15.10, twelve with many *A. gamma* (MT). Very late dates, possibly immigrants.

\***Eurois occulta L.** (3). Lincs N. South Thoresby, 31.8 (REMP). OXON. Uffington, 10.8 (Classey *Ent. Gaz.* 37:16). YORKS v.c.63. Rossington, nr. Doncaster, 8.8 (J. Heppenstall per SMJ).

**Mythimna albipuncta D. & S.** (26). CORNWALL W. Lizard, 23.8 (SCP); Mawnan Smith, 29.8 (APF). CORNWALL E. Mevagissey, 18.9, 1.10 (BH). KENT E. Dungeness, 29.8 (D. Webb per M. Corley), 8.9, four (M. Halsey per BS). 9.9, three males, 12.9, male, 29.9, female, fertile ova (BS). SUSSEX E. Peacehaven, 26.8, 10.9, 11.9, 12.9 (CRP); Westfield, 4.9, two, 7.10 (R. Hobbs per CRP); Ninfield, 9.9 (M. Parsons per CRP). SUSSEX W. Walberton, 28.8, 7.10, 9.10 (RTR); Pagham, 9.10, female, fertile ova (BS).

\***Mythimna 1-album L.** (2). HANTS S. Sparsholt, 10.10 (R. Bell per BS). SUSSEX E. Ashdown Forest, 11.10 (DD).

**Mythimna vitellina Hubn.** (5). CORNWALL W. Cadgwith, 18.10 (KGWE). CORNWALL E. Trebrowbridge, 13.10, 30.11 (AS). HANTS N. Leckford, 11.10 (DHS). GUERNSEY, 10.9 (per TDNP).

\***Mythimna putrescens Hubn.** (1). DORSET. Portland B. O., 25.7 (M. Rogers per NMH). Last recorded from here in 1966 (NMH).

**Mythimna unipuncta Haw.** (c. 40). CORNWALL W. Scilly, 12/19.10, in actinic trap (A. Roberts per JMW); Cadgwith, 11.10, two males, 12.10, male, 14.10, male, 15.10, male, 17.10, three males, 18.10 (KGWE); Kynance, 21.10 (BS and R. Chatelain); Lizard, c.15.10 (BKW). CORNWALL E. Trebrowbridge, 30.11 (AS); Mevagissey, 19.9, 26.9, two (BH). DORSET. Portland, 7.4 (NMH per BRB); 21.9, two (G. Senior and NMH); 29.9, 2.10, two, 5.10, 22.10 (M. Rogers per NMH). HANTS S. Highcliffe, 13.8; Hayling Island, 28.10 (JMW); Havant, 2.10 (J. Phillips), 6.11 (CBC); Sparsholt, 8.11 (R. Bell per BS). KENT W. Erith, 23.7 (E. Hare per CWP). SUSSEX W. Rogate, 51.10 (JACG); Walberton, 23.10 (JTR). ARGYLL N. Dunstaffnage, 15.10 (JCAC). MID Lothian. Gorebridge, 12.10 (PWB teste ECP-C). Co. CORK W. Cape Clear Island,

28.9, 13.10 (MGWT). GUERNSEY. 26.9, (per TNDP), 2.11, two (PDMC).

**Mythimna loreyi** Dup. (48). CORNWALL W. Scilly, 12/19.10, three in actinic trap (A. Roberts per JMW); Lizard, 1.10, two, 2.10, two at sugar, 14.10, eight, 15.10, three, 16.10, six – 21 in all (BKW); Cadgwith, 12.10, two, 13.10, two, 15.10, 17.10, all males, 18.10, female (KWGE); Kynance, 20.10, female, fertile ova (BS and R. G. Chatelain). DORSET. Portland Bill, 21.8, 23.9, 29.9, two, 14.10, 15.10, 16.10 (NMH). HANTS S. Sparsholt, 12.10 (R. Bell per BS). SUSSEX W. Pagham, 10.10, female, fertile ova (BS). SUSSEX E. Peacehaven, 15.10, 19.10 (CRP). CARDIGAN Tregarton, 10.10 (Tillotson, *Ent. Rec.* 98: 61). GUERNSEY. Claire Maine, 11.10, two. Fourth island record (PDMC).

**Trigonophora flammea** Esp. (2). KENT E. Dungeness, 5.10 (DEW). SUSSEX W. Pagham, 10.10 (BS).

**Enargia paleacea** Esp. (1). SUSSEX E. Ninfield, 14.7 (M. Parsons per CRP).

**Apamea lateritia** Hufn. (1). ESSEX N. Dovercourt, 24.7 (P. Smith & M. Anthony, photograph confirmed by BS). Fourth British record.

\***Abrostola trigemina** Werneb. (1). KENT E. Dungeness, 19.9 (JMC-H).

\***Photedes extrema** Hubn. (concolor Guenee) (1). SUSSEX E. Rye, 4.7 (CRP). Probably immigrant. Its nearest known British habitats are in East Anglia; but singles were caught at Eastbourne, East Sussex in 1957 and at Dungeness, East Kent, 2.7.1976.

**Sedina buettneri** Hering (1). SUSSEX W. Walberton, 30.9 (JTR per CRP). Probably only second record since its temporary establishment at Freshwater, Isle of Wight 1945/52.

\***Caradrina clavipalpis** Scop. (2). SURREY. North Cheam, 16.4, two, with *N. noctuella* (GAC). Probably immigrant.

**Spodoptera exigua** Hubn. (55). CORNWALL W. Rosemullion Head, 2.4, two by day (APF). DORSET. Preston, 4.4, 14.4, two (MC); Portland, 3.10 (P. O'Brian); E. Cliffe, 8.9 (J. Chainey per NMH). ESSEX S. Bradwell-on-Sea, 30.7, two, 4.12 (SD). HANTS S. Hayling Island, 30.7 (JMW); Winchester, 2.4, 17.7, 9.10 (DHS); Sparsholt 8.10, 11.10 (R. Bell per BS). HANTS N. Burghclere, 2.4 (GCE-F). KENT E. Sandwich B. O., 3.4 (PMB); Rainham, 15.7 (M. Halsey per BS). KENT W. Newington, 25.7, with swarm of aphids; 2.10 (PJJ). OXON. Faringdon, 27.7, 29.7, 3.8, 6.8, two (Nash, *Ent. Gaz.* 37: 16). SOMERSET S. Porlock, 13.7 (BRB). SURREY. South Croydon, 25.7 (GAC); Rushmoor, 25.7, two (PAD); Leigh, 2.8, 11.10 (RF). SUSSEX E. Peacehaven, 30.7 (CRP); Pevensey, 31.7 (MP per CRP), 2.10 (CRP); Newfield, 3.10 (MP per CRP). SUSSEX W. Fittleworth, 12.8 (S. Pooles per CRP); Walberton, 22.7, 25.7, 28.7, 30.7, 2.8 (JTR per CRP); Pagham, 5.10 (BS),

10.10, male, female, 11.10, female (BS). WARWICKS. Charlcote, 21.9 (DCGB). WESTMORLAND/FURNESS. Beetham, 13.10, 14.10. WILTS N. Wroughton, 3.4, two (DJB). Co. CORK W. Cape Clear Island, 30.9 (MGWT). Co. CORK MID. Fountainstown, 30.9, tow (AAM).

***Heliothis armigera* Hubn.** (15). BERKS. Bracknell, 10.10 (Dumbleton per BRB). DORSET. Stoborough, 2.10 (B. Withers per BS). HANTS S. Sparsholt, 11.10 (R. Bell per BS). KENT E. Westbere, 14.10 (TWH). SUSSEX W. Walberton, 3.10, 10.10, 31.10 (JTR per CRP); Pagham, 9.10 (BS). WARWICKS. Charlecote, 15.10 (AG). YORKS v.c. 61. Spurn Point B.O., 23.9 (BRS). YORKS v.c.63, Emley, 16.10 (P. Gunson per BS). YORKS v.c. 64. Shadwell, early 10 (SLS); Ripon, 3.10 (S. Mitchell per SMJ); Harrogate, 3.10 (per SMJ). Co. CORK W. Cape Clear Island, 12.10 (MGWT).

***Heliothis peltigera* D. & S.** (16 plus c.100 larvae). DORSET. St. Albans Head, 16.4 (PAD); Stoborough, 19.4 (B. Withers per BS). ESSEX S. Bradwell-on-Sea, 19.7 (AJD). HANTS S. Lymington, 3.4 (AJP *Ent. Rec.* 97:84); Winchester, 8.7, infertile female (DHS); Hayling Island, 16.7 (JMW). KENT E. Dungeness, 26.9 (DEW and BS). OXON. Faringdon, 17.7, 30.7 (Nash *Ent. Gaz.* 37:16). SOMERSET N. Bedminster, 5.4; Berrow, 31.8 (NL). SUSSEX W. Pagham, 5.10, 10.10 (BS), 18.8/1.9, c.100 larvae (J. Porter). SUSSEX E. Hastings, 9.4 (R. Hobbs per CRP). WILTS S. Corlewell, 6.10 at ivy (EGS and HHS). WORCS. Blackwell, 1.7, fertile female (MDB). GUERNSEY. 19.9 (TDNP).

***Heliothis virescens* Hubn.** (1). ISLE OF WIGHT: Freshwater, 27.7 (SAK-J). First confirmed record for v.c.10 (BS).

***Eublemma ostrina* Hubn.** (1) CORNWALL E. Trebrowbridge, 10.10, female (AS).

***Deltote bankiana* Feb.** (1). HANTS S. Denny Lodge, New Forest, 4.7 (L. Tillotson, *Ent. Rec.* 98: 36). Apparently first county record.

***Chrysodeixis chalcites* Esp.** (1). HANTS S. Highcliffe, 9.9 (EHW, *Ent. Rec.* 98:30).

***Trichoplusia ni* Hubn.** (3). HANTS S. Sparsholt, 5.10 (R. Bell per BS). SUSSEX W. Pagham, 10.10, male (BS). WARWICKS. Pailton, 27.9, at flowers at dusk (R. Greenwood per DCGB).

***Diachrysa orichalcea* Fab.** (3). SUSSEX W. Walberton, 25.7, 13.9, 15.9 (JTR per CRP).

**\**Syngrapha interrogationis* L.** (1). NORFOLK E. Hickling, 1.8 (TDNP).

***Catocala fraxini* L.** (1). SOMERSET M. Yatton, 26.8, in house porch a melanic approaching f. *moerens* Fuchs. (A. Moulin per G. Carey, Bristol Environmental Records Centre; det. confirmed from photograph RFB).

***Hypena obstitalis* Hubn.** (1). KENT E. Dover, 18.8 (GHY, *Ent. Rec.* 98: 8). This is only the eighth record on the mainland of

Britain or Ireland, though it appears to be established in the Channel Islands. It is the first for the month of August. Its habits are obscure and secretive; but there are at present no indications of temporary or permanent residence.

\**Tyta luctuosa* D. & S. (1). SOMERSET N. Shapwick Heath NNR, 6.7, female (NL).

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COCHYLIS FLAVICILIANA (WESTWOOD) (LEP.: TORTRICIDAE) AND PHYCITODES SAXICOLA (VAUGHAN) (LEP.: PYRALIDAE) IN BEDFORDSHIRE — A single specimen of *C. flaviciliana* was caught in the Rothamsted Insect Survey light trap at Houghton Regis (Site No. 452, O.S. Grid ref. TL 028 247) on the 26th July 1985 and was identified by A. M. Emmet and D. V. Manning. This is a very local species with few known localities. The nearest counties to Bedfordshire recorded for the species by Bradley Tremewan and Smith (*British Tortricoid Moths*, 1973 Cochylidae and Tortricidae, Tortricinae, p. 84) are Oxfordshire and Berkshire. It is possible that it has been overlooked in other localities as it bears a strong superficial resemblance to the much more widespread *C. roseana* (Haworth). The larval foodplant (*Knautia arvensis*) is common in the area around the trap.

On the 17th August 1985 a specimen of *P. saxicola* was caught in the same trap and was identified from the wing venation illustrations in Goater's "*Identification Guide to the British Pyralid Moths*" (p. 129). This individual was probably a migrant as *saxicola* is usually associated with coastal habitats.

Both *P. saxicola* and *C. flaviciliana* are new county records for Bedfordshire. Thanks are extended to D. V. Manning for identifying the microlepidoptera from the Houghton Regis trap and to A. M. Emmet for confirming the identity of the *C. flaviciliana*. — ADRIAN M. RILEY, Department of Entomology, Rothamsted Experimental Station, Harpenden, Hertfordshire.

DELAYED EMERGENCE IN EUPITHECIA — I read with interest Col. Sterling's note on this topic (*Ent. Rec.* 97: 93). On 13th August 1983 I was searching buds of *Clematis vitalba* near Dorking, Surrey, for larvae of *Eupithecia haworthiata*. Most of the buds had already opened and although there were signs of feeding, I could only find one larva. This duly pupated, but did not emerge in 1984 as expected. Turning out the emerging cage at the end of the season, I rediscovered the pupa, which looked alive and healthy. A moth emerged on 27 May 1985. — P. A. CATTERMOLLE 13 Waverleigh Road, Cranleigh, Surrey.